

PALBOARD® Terra

Fighting climate change

The **world's first composite panel made with unsorted household waste**, diverted from landfills and recycled PVC. The PALBOARD Terra substrate is made from UBQ™, the **only material up-cycled from 100% unsorted waste**. Utilising trash and turning it into a sustainable resource, PALBOARD Terra is engineered for wide-format printing and for mechanical fabrication. Create displays and graphics with a reduced carbon footprint.

Preventing Landfills & Conserving Resources

Diverting unsorted waste from landfills | Combining it with recycled PVC | Turning it into durable plastic sheets

PALBOARD Terra is an ecological alternative to conventional sign & display substrates making it easy for designers to accomplish their sustainability goals.

Key Features

- Durable and Sustainable
- Eco-Friendly Alternative

Applications

- Signage
- Advertising/Branding



made with **ubq**

UBQ™ Materials, climate tech developer of advanced materials made from organic and unrecyclable waste



MAKE A DIFFERENCE

PALBOARD® Terra - Make a difference

The environmental impact of PALBOARD® Terra*



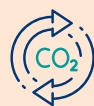
1.0 ton
PALBOARD Terra

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200 kg
Landfill waste diverted

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1.75 ton
Greenhouse gases prevented (GWP20)

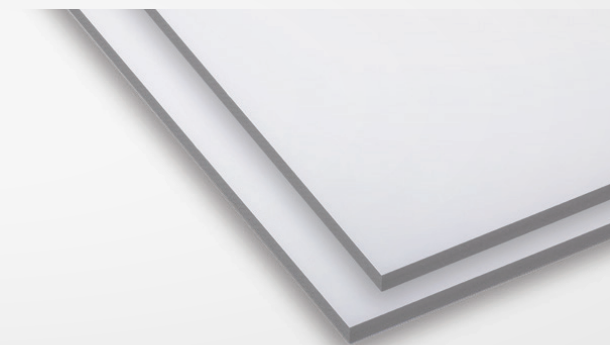
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142 trees*
Annual CO₂eq sequestration

*Data is based on 15% of household waste content
**10-year-old conifers

Property	Standard	Conditions	Units	Value
Physical				
Density	ASTM D-792		g/cm ³	3mm-0.62
				5mm-0.6
				10mm-0.58
Water absorption	ASTM D-570	24hr @ 23°C	%	<8
Mechanical - Machine direction				
Flexural Modulus	ASTM D-790		MPa	1200
Shore hardness	ASTM D-2240		Shore D	40
Thermal				
Service Temp Range			°C	-10 *-to 55
Heat deflection temp	ASTM D-648	Load: 1.82 MPa	°C	62
Coefficient of linear thermal expansion	ASTM D-696		10 ⁻⁵ /°C	6.7
Electrical				
Surface resistance	ASTM D-257		Ohm	>10 ¹²



Colour	Standard Size	Standard Thickness
White-Grey-White	1220 x 2440mm	3mm
White-Grey-White	1220 x 2440mm	5mm
White-Grey-White	1220 x 2440mm	10mm